



MI-CW1907

Michigan Crop Weather

May 14, 2007

Favorable Planting Weather

Five days were suitable for fieldwork during the week ending May 13, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.31 inches in the southwest Lower Peninsula to 1.40 inches in the southeast Lower Peninsula. Average temperatures ranged from 5 degrees above normal in the east central Lower Peninsula to 9 degrees above normal in the western Upper Peninsula. The warmer weather provided better conditions for farmers to make progress on their field activities. A farmer in the southwest mentioned that, "Planting is going non-stop. We made up for the lost time last week even with the rainfall on Wednesday." Another farmer in the southeast said that, "It was a great week to get crops planted. However, the frost Sunday morning caused some damage to sensitive vegetable crops, but the extent will not be known for a couple of days when new growth begins to appear."

Field Crops

Favorable weather conditions during the week were helpful for planting activities across the State. **Corn** planting continued at a rapid pace with some emergence from early planted fields. **Alfalfa** growth continued to progress well. Heavy alfalfa weevil feeding was reported in southern Michigan and scouting fields is recommended as the time for cutting approaches. **Soybean** planting continued. **Winter wheat** was in good condition. Presence of powdery mildew low in the canopy was reported and farmers are encouraged to keep a watchful eye as the season progresses. **Sugarbeet** planting wrapped up and emergence in most fields was good. **Barley** and **oat** planting was essentially completed and most fields have emerged with good stands.

Fruit

Warmer days and precipitation last week encouraged fruit crop development. **Apples** continued to bloom in the southwest and southeast. In the central areas, apples were at various stages from full pink to full king bloom. Northwestern apples were in the pink. **Blueberries** were blooming in the southwest and nearing bloom in the southeast and central areas. **Peaches** were near shuck split in the southwest, where large numbers of oriental fruit moths were caught. Most peaches in the southeast and central areas were at petal fall. **Pear** development ranged from bloom to petal fall. **Plums** were in the shuck in the southwest and in bloom across the remainder of the State. In the southwest, **sweet and tart cherries** were in the shuck. In the southeast, central, and northwestern areas, sweet cherries were at bloom to petal fall, and tart cherries were in bloom. Chardonnay **grapes** in the northwest progressed to late bud swell. In the southeast, grapes were at bud break to early short growth. In the southwest, Concord grape shoots were 3 to 4 inches long with several leaves out, while Vinifera grapes were at late swell.

Vegetables

Scattered precipitation this week provided timely rains to help get transplants established or assist in emergence. **Carrot** planting was almost finished in most areas. Emerged stands were in good condition. **Asparagus** harvest continued on schedule. There were some reports of purple spot. New plantings proceeded on schedule. **Celery** planting continued on schedule. **Cabbage** planting continued. There were some reports that transplanting has been delayed in the west central area. **Potato** planting continued. Emergence was slow on some early planted fields. **Sweet corn** planting continued. The early planted sweet corn was at the 3 to 4 leaf stage in the southeast. **Tomato, yellow squash, zucchini, and cucumber** planting continued in low tunnels and open fields.

Soil moisture for week ending 05/13/07

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	2	7	71	20
Subsoil	1	4	80	15

Crop condition for week ending 05/13/07

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Oats	1	1	17	70	11
Pasture	1	2	34	51	12
Winter Wheat	1	6	28	49	16

Crop progress for week ending 05/13/07

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
Asparagus, harvested	28	5	35	23
Barley, planted	72	39	81	67
Barley, emerged	34	9	62	42
Corn, planted	60	31	77	59
Corn, emerged	14	1	28	14
Oats, planted	90	71	95	88
Oats, emerged	55	30	84	65
Potatoes, planted	40	25	60	NA
Potatoes, emerged	4	2	16	NA
Soybeans, planted	19	7	50	31
Soybeans, emerged	1	0	6	4
Sugarbeets, planted	97	88	99	99

Michigan Weather Summary for Week Ending 05/13/07¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2007	2006	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
									Since April 1	For month		
Ironwood	82	39	9	225	219	147	0.43	0.44	0.76	2.65	3.59	3.37
Marquette	84	28		188	183		0.96	0.98	1.39	6.00		
Stephenson	84	30		228	240		0.13	0.14	0.22	1.65		
Western UP	87	26		214	188		0.49	0.50	0.76	2.53		
Cornell	78	29	7	200	214	86	0.51	0.51	0.98	1.63	3.74	3.01
Sault St Marie	81	32		192	183		0.14	0.14	0.44	1.75		
Eastern UP	84	29		183	196		0.61	0.61	1.13	3.41		
Beulah	75	34		241	277		0.66	0.95	2.39	3.61		
Lake City	80	30	7	220	257	180	1.27	1.51	2.97	4.60	3.82	2.61
Old Mission	80	30		211	249		0.13	0.27	1.03	1.58		
Pellston	79	24		235	247		0.65	0.65	1.26	2.03		
Northwest	80	24		218	245		0.52	0.70	1.72	2.73		
Alpena	79	30	7	204	231	167	0.62	0.87	2.69	4.43	3.79	2.76
Houghton Lake	80	29		235	269		0.97	1.07	2.84	4.11		
Rogers City	81	30		219	225		0.92	1.00	2.37	3.79		
Northeast	85	29		226	256		0.87	0.97	2.43	4.05		
Fremont	81	37	8	269	289	215	0.44	1.57	2.66	6.05	4.22	2.67
Hart	81	38		258	259		0.32	1.43	2.55	3.95		
Muskegon	81	38		263	256		0.77	1.51	2.41	5.14		
West Central	81	31		263	276		0.42	1.54	2.54	5.03		
Alma	86	36	8	286	330	238	1.37	2.57	3.46	5.18	4.34	2.79
Big Rapids	84	33		262	291		0.81	1.80	2.12	3.68		
Central	86	33		272	304		0.83	1.85	2.44	4.31		
Bad Axe	84	32		211	270		0.76	0.79	1.86	3.65		
Pigeon	84	33	5	207	275	225	0.49	0.60	1.82	3.36	3.75	2.63
Saginaw	84	34		260	286		0.84	1.26	2.65	4.28		
Standish	84	32		240	290		0.43	0.64	2.31	4.22		
East Central	85	31		218	285		0.68	1.01	2.18	3.97		
Fennville	80	36	8	290	274	265	0.37	0.74	2.56	4.68	4.68	3.01
Grand Rapids	84	38		303	305		0.34	1.22	2.25	4.59		
Holland	80	38		325	304		0.02	0.52	2.64	4.93		
South Bend, IN	84	42		368	332		0.00	0.03	3.07	4.48		
Watervliet	81	38	7	314	310	264	0.39	0.73	2.53	4.35	4.50	2.92
Southwest	86	35		317	305		0.31	0.74	2.54	4.55		
Belding	83	32		275	286		0.30	0.89	1.49	3.90		
Coldwater	84	34		295	297		0.67	1.18	2.46	4.02		
Lansing	81	35	7	282	309	248	0.95	1.59	2.99	4.26	4.44	2.85
South Central	87	32		289	322		0.68	1.29	2.57	4.32		
Detroit	83	36		317	341		0.67	1.58	2.78	3.55		
Flint	83	32		277	291		2.18	3.16	4.07	5.26		
Romeo	82	31	6	264	309	248	1.59	2.55	3.82	4.78	4.44	2.85
Tipton	84	34		309	326		2.12	2.20	4.03	5.03		
Toledo, OH	85	38		328	367		2.86	3.19	5.61	6.50		
Southeast	86	31		291	329		1.40	1.94	3.28	4.19		

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.